



**Seattle** 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244  
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**Spokane** East 11115 Montgomery, Suite B, Spokane, WA 99206-4776  
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541.383.9310 fax 541.382.7588  
**Anchorage** 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119  
907.563.9200 fax 907.563.9210

09 May 2003

Bill Haldeman  
PES Environmental  
9 Lake Bellevue Drive, Suite 108  
Bellevue, WA/USA 98005  
RE: Shell Harbor Island

Enclosed are the results of analyses for samples received by the laboratory on 04/25/03 09:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeanne Garthwaite  
Project Manager



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PES Environmental  
9 Lake Bellevue Drive, Suite 108  
Bellevue WA/USA, 98005

Project: Shell Harbor Island  
Project Number: 827.001.01  
Project Manager: Bill Haldeman

**Reported:**  
05/09/03 16:02

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
outfall-1-042403	B3D0557-01	Water	04/24/03 14:45	04/25/03 09:20

North Creek Analytical - Bothell

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Jeanne Garthwaite, Project Manager

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Environmental Laboratory Network

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**Reported:**  
05/09/03 16:02

**Organochlorine Pesticides and PCBs by EPA Method 608**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>outfall-1-042403 (B3D0557-01) Water    Sampled: 04/24/03 14:45    Received: 04/25/03 09:20</b>									
Aroclor 1016	ND	0.500	ug/l	1	3D27001	04/27/03	05/03/03	EPA 608	
Aroclor 1221	ND	0.500	"	"	"	"	"	"	
Aroclor 1232	ND	0.500	"	"	"	"	"	"	
Aroclor 1242	ND	0.500	"	"	"	"	"	"	
Aroclor 1248	ND	0.500	"	"	"	"	"	"	
Aroclor 1254	ND	0.500	"	"	"	"	"	"	
Aroclor 1260	ND	0.500	"	"	"	"	"	"	
Surrogate: TCX	68.8 %	42-117			"	"	"	"	
Surrogate: Decachlorobiphenyl	23.5 %	36-145			"	"	"	"	S-03

North Creek Analytical - Bothell

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**Reported:**  
05/09/03 16:02

**Organochlorine Pesticides and PCBs by EPA Method 608 - Quality Control**  
**North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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**Batch 3D27001: Prepared 04/27/03 Using EPA 3520C**

**Blank (3D27001-BLK1)**

Aroclor 1016	ND	0.500	ug/l						
Aroclor 1221	ND	0.500	"						
Aroclor 1232	ND	0.500	"						
Aroclor 1242	ND	0.500	"						
Aroclor 1248	ND	0.500	"						
Aroclor 1254	ND	0.500	"						
Aroclor 1260	ND	0.500	"						
Surrogate: TCX	0.185		"	0.200		92.5	42-117		
Surrogate: Decachlorobiphenyl	0.148		"	0.200		74.0	36-145		

**LCS (3D27001-BS2)**

Aroclor 1016	2.24	0.500	ug/l	2.50		89.6	51-125		
Aroclor 1260	2.26	0.500	"	2.50		90.4	66-131		
Surrogate: TCX	0.194		"	0.200		97.0	42-117		
Surrogate: Decachlorobiphenyl	0.173		"	0.200		86.5	36-145		

**LCS Dup (3D27001-BSD2)**

Aroclor 1016	2.37	0.500	ug/l	2.50		94.8	51-125	5.64	30
Aroclor 1260	2.32	0.500	"	2.50		92.8	66-131	2.62	30
Surrogate: TCX	0.203		"	0.200		102	42-117		
Surrogate: Decachlorobiphenyl	0.170		"	0.200		85.0	36-145		

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### Notes and Definitions

S-03 The surrogate recovery for this sample is outside of established control limits. Review of associated QC indicates the recovery for this surrogate does not represent an out-of-control condition.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

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